Consider the following database schema :

- Instructor(*InstNo*, Name, Rank)
- Student(*StudentNo*, Name, Address, EnrollD, GraduatD)
- Course(*CourseNo*, Title, nbHours, InstNo)
  InstNo references Instructor(InstNo)
- Take(*StudentNo*, *CourseNo*, Grade)
  StudentNo references Student(StudentNo)
  CourseNo references Course(CourseNo)

Exercise 1

(a) Create a SP that displays the grades of students as follows :

```
Ali receives the grade 12 for the course math200
Hussein receives the grade 13 for the course info210
.
.
.
```

(b) Create a program that diplays the teaching courses for each instructor as follows :

```
Instructor number: 12345 teaches the following 2 courses:
Algebra
Introduction to Databases
Instructor number: 33344 teaches only one course:
Advanced Databases
Instructor number: 66688 teaches the following 2 courses:
XML
Web Services
```

(c) Write a program that for each student tests if he is enrolled in some courses. If he is not enrolled in any course, the program should display the message error "Student number : .... is not enrolled in any course" and then delete the student. Otherwise, the program should display the student number and his enrolled courses.

```
Student number: 232411213 is not enrolled in any course
This student will be removed.
Student number: 453453453 is enrolled in the following courses:
Course 1: Introduction to Computer
Course 2: Advanced databases
Student number: 888665555 is enrolled in the following courses:
Course 1: Algebra
Course 2: XML
Student number: 987987987 is enrolled in the following courses:
Course 1: Introduction to Computer
Course 2: Advanced databases
```

(d) Using cursors, write a SP that changes the prefix of computer science code from "Info" to "I". For example, "Info216" will be "I216".

(e) Create a SP that empties all the tables except a given table.

(f) Create a SP that returns a string containing all sql server databases.